

Two Receive 'Prof of Year' Honors



ROBERT K. THOMAS



J. REX GOATES

Students Give Title to Robert Thomas, J. Rex Goates for Outstanding Abilities

Dr. J. Rex Goates and Robert K. Thomas have been named "Professors of the Year."

THEY WERE HONORED and presented by Max Pinegar, studentbody president, with engraved pen sets in today's devotional assembly.

The annual award is made to the professor who comes closest to epitomizing the perfect instructor. Fourteen nominations were submitted of which four were chosen for the final decision.

A COMMITTEE HEADED by Jim Green visited the classrooms of the finalists to become familiar with the professors. From those remaining, the selections were made.

Dr. Goates, professor of chemistry who has served BYU for 14 years, was nominated by the Arcon Honor Fraternity "in recog-

nition of his illustrious academic achievements, for his interest in the personal welfare and happiness of his students, his exemplary life and devotion to the Gospel, and tireless efforts to make his classes interesting, challenging, and understandable."

RECOGNIZED FOR his extensive research, Dr. Goates has written dozens of technical papers of incalculable value to industry, education and the government.

Thomas was nominated by Robert A. Rees, currently of the University of Wisconsin. Of this professor he comments, "Brother Thomas is not just a teacher, but he is a sensitive, dedicated human being, one who sees beyond the classroom and beyond the grade as far as the welfare of students is concerned."

Daily Universe

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UTAH'S ALL-AMERICAN DAILY

Wednesday, May 24, 1961

Provo, Utah



PARLEY M. PRATT



WILLARD B. DOXEY



R. DERMONT BELL

With Lazy-Susaning ...

Three More Get New Chairmanships

The Brigham Young University policy of rotating department heads will result in three new chairmen in the College of Business for the coming school year.

DR. R. DERMONT BELL, assistant professor, will succeed Dr. Edward Christensen as chairman of the Business Education and Office Management Dept.

Dr. Bell attended Brigham Young University where he earned his bachelor of science degree in 1955 and his master's degree in 1956.

AS NEW HEAD OF the Business Management Dept., Dr. Parley M. Pratt, associate professor, will take over the job of Dr. Clinton L. Oaks.

Dr. Willard B. Doxey, assistant professor, will succeed Dr. Glen T. Nelson as chairman of the Economics Dept.

DR. DOXEY RECEIVED his master's degree from the University of Utah in 1947 and went to the University of California at Berkeley to earn his doctorate in 1956.

Diamond Epitaph: Cougars Can't Vie

by Danny Moore
Universe Sports Writer

The Brigham Young University's bulging balloon of baseball success burst open yesterday.

day with the announcement that it is doubtful the Cougars will be allowed to compete in this week's region play-offs.

COACH GLEN TUCKETT'S Cou-

gars were to represent the Western Division of the Skyline Conference in the district play-offs in Colorado Springs, Colo., this weekend to determine the Region Seven representative to the College World Series to be played in Omaha, Neb., later in the month.

The announcement came after the school learned of a recent NCAA ruling which states that any team that does not plan on playing in the NCAA College World Series is automatically disqualified from competing in qualifying divisional play-offs.

THE SAME thing occurred in 1958 when the Cougars had to turn down the tournament because of Sunday ball games. The administration and the team, realizing the Church's stand on Sunday baseball voted not to attend the tournament. This year the tourney runs from Friday through Tuesday with all teams playing on Sunday.

The verdict is not yet final.

National Guard Readies Troops As Students Plan Another Ride

MONTGOMERY, Ala., May 24 (UPI)—Negro freedom riders scheduled a resumption of their efforts to crush Southern segregation barriers today and National Guard sources said state troops would escort the riders toward Mississippi.

A source close to the Negro integrationists said students would board the 7 a.m. CST (9 a.m. EDT) bus for Jackson, Miss., segregation stronghold of the South.

A SOURCE TOLD UPI the National Guard would escort the Trailways bus out of Alabama in an effort to keep way White segregationists who have attacked freedom riders three times in Alabama bus stations and once at a Negro church.

Shortly after 6 a.m. CST National Guard troops began moving into the Trailways Station area in jeeps and trucks.

Now Y Chem Engineers May Get Master's Here

A program leading to the master of science degree in chemical engineering science will be inaugurated at Brigham Young University in autumn 1961, according to President Ernest L. Wilkinson.

THE BACHELORS' DEGREE program in chemical engineering, a five-year course, has been in effect at BYU for nearly 10 years, and the first diplomas were awarded in 1956.

The new master's degree program in chemical engineering science involves work beyond the five-year bachelor's degree. It requires an additional 30 semester hours of credit, including a research thesis.

Dr. James J. Christensen is now chairman of the Chemical Engineering Dept., but the new program will be instituted under the direction of Dr. Dee H. Barker, associate professor of chemical engineering, who will become chairman in June. The new appointment is in keeping with the BYU policy of rotating department chairmanships.

Formal courses offered in the new master's degree in chemical engineering science include heat transfer, fluid dynamics, transport phenomena, thermodynamics separation process, kinetics and catalysis nuclear engineering, process dynamics and control, applied mathematics and advanced plant design.

Today's Auditions To Decide Casts

Auditions for the summer productions of "Carousel" and "Die Fledermaus" will be held in College Hall auditorium on lower campus from 7 to 10 p.m. Wednesday.

Brandt Curtis, Opera Workshop director, said both productions will need singers, dancers, instrumentalists, stagecraft artists and actors. Those who cannot try out Wednesday may call him at FR 3-4302 or at ext. 2385.



WOW!—Kay Taylor (l), Jeanie Sent, Brooke Brazier, Charlene Johnson and Marilyn Brown, assembly workers, display the sweepstakes trophy to be given tonight to the organization sponsoring the year's best assembly. The annual awards assembly, produced by the assembly committee, will begin at 8 p.m. in Smith Fieldhouse. Second and third place awards will be given in various categories as well as outstanding costuming, scripts, music, sets and choreography recognized.



Campus Quickies...

AMS Council Needs 3 Girls; Exec Lecture Exam to Be Given

Three girls are needed to do Student Service Center. The executive work for the AMS candidates are urged by the Council next year. One girl will retain committee to pick up be needed in the Provo area during the summer. Those interested should fill out an application form in the AMS of five letters, Thursday at 4 p.m. and sign up by an interview. Based on the bulletin board basement, Clerk, Student Service Center.

The make-up exam for Executive Lecture series will be given Wednesday from 5:30 to 6:30 p.m. in 184 Knight Bldg.

Over 5100 worth of pictures of candidates in April's recent studentbody elections are still in the elections office basement.

Sign-ups for the class of '64 picnic will be taken until Thursday in the basement of the Student Service Center. Suggestive for the traditional picnic which the class will leave the school will be voted on at registration next fall and the students receiving the winning suggestion will receive a prize.

Students entitled to a refund on towel chucks and padlocks should check with the Physical Education Dept. 254 Smith Fieldhouse, before 5 p.m. Friday.

Industrial Ed. Holds Openhouse Thursday, Friday in Snell Bldg.

An industrial education openhouse will be held in the Snell Bldg. Thursday from 1 to 6 p.m. and Friday from 10 a.m. to 10 p.m.

Staff Expeditioners Will Report Wed.

Staff members of the sixth Brigham Young University archeology expedition to Middle America will report Wednesday at 7:30 p.m. in 535 Eyring Science Center.

DR. M. WELLS JAKEMAN will speak on the theoretical basis of the expedition—its background and purposes. Larry Anderson will give a detailed account of the excavations, using a map of the site. A movie on the expedition will be shown.

Carl H. Jones will then speak on the largest known cement sculpturing on the Gulf coast—a terrapin altar in classic Maya tradition. He will also show slides.

The public and chapter members have been invited to attend.

The openhouse is sponsored by the Industrial Education Dept. and the Industrial Arts Club. Projects of the students will be displayed.

CLUB OFFICERS Joe Seeley, president; Laman Tolman, vice president; and Junior C. Bailey, secretary-treasurer, urge the public to attend.

The projects will illustrate useful objects around the home made with the facilities provided in the industrial shops and the knowledge learned in the department courses.

Universe Want Ads Pay

Two Best Papers In Sociology Dept. To Be Discussed

Group presentations and the general origin of theories in Utah county will be discussed Wednesday when the two outstanding student papers in the Sociology and Anthropology Dept. are presented.

STUDENTS and faculty are invited to the meeting which will be at 4:10 p.m. in 1200 Smith Family Living Center.

LIMERICK

For a dollar, a student named Kent thought a DQ so long that it best. When he tried to consume it, it dropped on his room. So he gave the thing up for lost. (DQ's more fun than the Mardi Gras)

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"I dreamed I won a trophy at the Awards Assembly"



STUDENTBODY AWARDS ASSEMBLY - FIELDHOUSE - WEDNESDAY - 8 p.m.

all Makes Diamond, en Learns New Way

by Douglas Wixon
Universe Staff Writer

ng to do the same thing
ifferent ways can be frus-
If you don't think so,
U. Tracy Hall, who had
a to make synthetic dia-
by two different methods
his high pressure re-

Hall, director of research
Brigham Young Univer-
sity Department, devel-
oped a process to make synthetic
diamonds out of graphite (car-
bon) while working for a large
concern in 1955.

His process, which was
patented by the elec-
tronics concern in order to insure
the right to exclusive
of all synthetic diamond
production.

AS the company was
ing to start actual produc-
tion of the synthetic diamonds,
it left to return to BYU,
to set up similar ap-
paratus at BYU and continue his
work in the field of high
pressure.

Because of the possible
use of the cheap indu-
stry diamonds, Wash-
ington officials promised
that if he could find
a way to produce synthetic
diamonds, they would not class-
ify the second method. So Dr.
Hall proceeded to build another
apparatus which would simulate
the high pressures needed to con-
vert carbon into diamonds.

Dr. Hall was quite happy with
his new design when it passed
the Patent Office as a separate
process from the first," said Dr.
Hall. Since the invention of the
second method, Dr. Hall has
been actively engaged in his re-
search.

But Washington had one more
move. Since the first method
was classified, Dr. Hall was told
in a note from the capital that
his second machine must be kept
under lock and key at all times.
BYU has no security police.

SECURITY classification was
recently lifted from Dr. Hall's
first diamond-making process
and it is now being used by his
former company and the Soviet
Union. Russia is reported to have
ten of these high pressure ma-
chines somewhere within her
borders.

"Diamond owners in South
Africa are now being undersold
on the world's diamond market,"
said Dr. Hall.

OH, FELLOWS, in case you're
wondering about borrowing the
machine for a sort of "do it your-
self" project, the diamonds made
by this method are not the kind
used for engagement or wedding
rings. These diamonds are used
by industrial firms for drills and
cutting tools.

Utah Orchestra To Present Wed. Program

Central Utah Symphony Or-
chestra will present a musical
program Wednesday at 8:15 p.
m. in Provo Tabernacle.

JACOB ROY will conduct the
one and a half hour concert.

The musical menu includes
Mozart's "Violin Concerto No.
3," "Piano Concerto No. 26" by
Mozart and "Overture to Ober-
son" by Weber.

HELEN Robinson, wife of Dr.
Don Robinson of the BYU Math
Dept., is soloist in the violin
concerto.

Jolene Laycock, daughter of
Professor and Mrs. Ralph Lay-
cock of the BYU Music Dept.,
will play the piano concerto.
Admission price is \$1 for ad-
ults and 50 cents for students.

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with the
gold
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father were. It's an obligation that a lot of qualified
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try, when and where you are needed.

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officers. This is caused by the rapidly expanding tech-
nology that goes with hypersonic air and space flight.
Your four years of college have equipped you to han-
dle complex jobs. You have the potential to profit
from advanced training... then put it to work.

There are several ways to become an officer.
First there is Air Force ROTC. Another program,
relatively new, is Officer Training School. Here the
Air Force commissions certain college graduates, both
men and women, after three months' training. The
navigator training program enables you to win a
flying rating and a commission. And, of course, there's
the Air Force Academy.

As an Air Force officer's starting salary averages out
to about what you could expect as a civilian. First
there's your base pay. Then add on such things as
tax-free rations and quarters allowances, free medical
and dental care, retirement provision, perhaps flight
pay, and 30 days' vacation per year. It comes to an
attractive figure. One thing more. As an officer, you
will become eligible for the Air Force Institute of
Technology. While on active duty many officers will
win graduate degrees at Air Force expense.

Why not contact your local Air Force Recruiters?
Or write to Officer Career Information, Dept.
SC15, Box 7608, Washington 4, D.C., if you
want further information about the navigator,
training or Officer Training School programs.

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